

WHAT IS CLAIMED IS:

1. A sound volume adjustment system for a personal computer, comprising:

a memory in which sound volume setting information set for each application is registered, and
5 sound volume adjustment control means for adjusting, for each application, sound volume data of voice data transferred from said application to an operating system based on said sound volume setting information to generate sound volume data having been
10 adjusted and transferring the sound volume data having been adjusted to the operating system.

2. The sound volume adjustment system for a personal computer according to claim 1, wherein

in said memory a sound volume adjustment coefficient is stored as said sound volume setting information, and
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said sound volume adjustment control means multiplies said sound volume data by said sound volume adjustment coefficient to generate said sound volume data having been adjusted.
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3. The sound volume adjustment system for a personal computer according to claim 1, wherein

a sound volume level of said sound volume data

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having been adjusted is set to be equivalent to that of
5 a sound volume of a system sound (error sound) generated
by said operating system.

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4. The sound volume adjustment system for a personal
computer according to claim 1, wherein
in said memory a sound volume adjustment
coefficient is stored as said sound volume setting
5 information,

said sound volume adjustment control means
multiplies said sound volume data by said sound volume
adjustment coefficient to generate said sound volume
data having been adjusted, and

10 a sound volume level of said sound volume data
having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system.

5. The sound volume adjustment system for a personal
computer according to claim 1, wherein

when voice data is transferred from an
application for which sound volume setting information
5 is yet to be registered,

said sound volume adjustment control means
displays sound volume adjustment function indications on
an operation screen to register, in said memory, sound
volume setting information based on a sound volume set

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10 by the operation through said sound volume adjustment
function indications so as to correspond to the
application.

6. The sound volume adjustment system for a personal
computer according to claim 1, wherein

in said memory a sound volume adjustment
coefficient is stored as said sound volume setting
information,

said sound volume adjustment control means
multiplies said sound volume data by said sound volume
adjustment coefficient to generate said sound volume
data having been adjusted, and

when voice data is transferred from an
application for which sound volume setting information
is yet to be registered,

said sound volume adjustment control means
displays sound volume adjustment function indications on
an operation screen to register, in said memory, sound
volume setting information based on a sound volume set
by the operation through said sound volume adjustment
function indications so as to correspond to the
application.

7. The sound volume adjustment system for a personal
computer according to claim 1, wherein

a sound volume level of said sound volume data

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having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system, and

when voice data is transferred from an
application for which sound volume setting information
is yet to be registered,

said sound volume adjustment control means
displays sound volume adjustment function indications on
an operation screen to register, in said memory, sound
volume setting information based on a sound volume set
by the operation through said sound volume adjustment
function indications so as to correspond to the
application.

8. The sound volume adjustment system for a personal
computer according to claim 1, wherein

in said memory a sound volume adjustment
coefficient is stored as said sound volume setting
information,

said sound volume adjustment control means
multiplies said sound volume data by said sound volume
adjustment coefficient to generate said sound volume
data having been adjusted,

a sound volume level of said sound volume data
having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system,

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when voice data is transferred from an
application for which sound volume setting information
is yet to be registered,

said sound volume adjustment control means
displays sound volume adjustment function indications on
an operation screen to register, in said memory, sound
volume setting information based on a sound volume set
by the operation through said sound volume adjustment
function indications so as to correspond to the
application.

9. A sound volume adjustment method for a personal
computer, comprising the steps of:

registering sound volume setting information set
for each application,

adjusting, for each application, sound volume
data of voice data transferred from the application to
an operating system based on said sound volume setting
information to generate sound volume data having been
adjusted, and

transferring said sound volume data having been
adjusted to the operating system.

10. The sound volume adjustment method for a personal
computer according to claim 9, wherein

a sound volume adjustment coefficient is
registered as said sound volume setting information, and

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5 said sound volume data is multiplied by said
sound volume adjustment coefficient to generate said
sound volume data having been adjusted.

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11. The sound volume adjustment method for a personal
computer according to claim 9, wherein

5 a sound volume level of said sound volume data
having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system.

12. The sound volume adjustment method for a personal
computer according to claim 9, wherein

5 a sound volume adjustment coefficient is stored
as said sound volume setting information,

5 said sound volume data is multiplied by said
sound volume adjustment coefficient to generate said
sound volume data having been adjusted, and

10 a sound volume level of said sound volume data
having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system.

13. The sound volume adjustment method for a personal
computer according to claim 9, wherein

 when voice data is transferred from an
application for which sound volume setting information

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5 is yet to be registered, sound volume setting information based on a set sound volume is registered in said memory so as to correspond to the application.

~~14. The sound volume adjustment method for a personal computer according to claim 9, wherein~~

a sound volume adjustment coefficient is stored
as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said sound volume data having been adjusted, and

when voice data is transferred from an application for which sound volume setting information is yet to be registered, sound volume setting information based on a set sound volume is registered in said memory so as to correspond to the application.

15. The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume level of said sound volume data having been adjusted is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system, and

when voice data is transferred from an application for which sound volume setting information is yet to be registered, sound volume setting information based on a set sound volume is registered in

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when voice data is transferred from an application for which sound volume setting information is yet to be registered, sound volume setting information based on a set sound volume is registered in said memory so as to correspond to the application.

adjusting, for each application, sound volume

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transferring said sound volume data having been
adjusted to the operating system.

~~18. The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein~~

a sound volume adjustment/coefficient is registered as said sound volume/setting information, and

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said sound volume data having been adjusted.

19. The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

a sound volume level of said sound volume data having been adjusted is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

20. / The computer readable memory storing a sound

volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

5 a sound volume adjustment coefficient is stored as said sound volume setting information,

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said sound volume data is multiplied by said sound volume adjustment coefficient to generate said sound volume data having been adjusted, and

10 a sound volume level of said sound volume data having been adjusted is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

21. The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

5 when voice data is transferred from an application for which sound volume setting information is yet to be registered,

sound volume setting information based on a set sound volume is registered in said memory so as to correspond to the application.

10 22. The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to

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claim 17, wherein

5 a sound volume adjustment coefficient is stored
as said sound volume setting information,

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said sound volume data is multiplied by said
sound volume adjustment coefficient to generate said
sound volume data having been adjusted, and

when voice data is transferred from an
application for which sound volume setting information
is yet to be registered,

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15 sound volume setting information based on a set
sound volume is registered in said memory so as to
correspond to the application.

23. The computer readable memory which storing a
sound volume adjustment program for controlling a
personal computer to conduct sound volume adjustment
according to claim 17, wherein

5 a sound volume adjustment coefficient is stored
as said sound volume setting information,

said sound volume data is multiplied by said
sound volume adjustment coefficient to generate said
sound volume data having been adjusted,

10 a sound volume level of said sound volume data
having been adjusted is set to be equivalent to that of
a sound volume of a system sound (error sound) generated
by said operating system, and

when voice data is transferred from an

15 application for which sound volume setting information
is yet to be registered,

sound volume setting information based on a set
sound volume is registered in said memory so as to
correspond to the application.

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